



IOWA DEPARTMENT OF NATURAL RESOURCES  
AIR QUALITY BUREAU

**Annual/Semi-Annual Compliance Report for  
Compression Ignition (CI) and Spark Ignition (SI)  
Engines<sup>a</sup>**

**NESHAP for Reciprocating Internal Combustion Engines**  
40 Code of Federal Regulations (CFR) 63.6580 – 63.6675 (Subpart ZZZZ)

DNR use only
Con 10-1 /
Fac. #:
CO / MA

**Annual/Semi-Annual Compliance Report Due Dates**

*Periodic compliance reports are only required for engines subject to a RICE NESHAP numeric emission limit. These reports are not required for engines that are only subject to RICE NESHAP maintenance requirements.*

- Engines designated as “limited use<sup>b</sup>” engines: January 31 each year (report covers the previous calendar year)
- Engines not designated as “limited use” engines: January 31 and July 31 each year (report covers previous calendar half)
- Facilities that have been issued a Title V permit can submit RICE NESHAP reports according to the Title V reporting schedule

**Time Period Covered by This Report:** \_\_\_\_\_ to \_\_\_\_\_

**Facility Information**

Name of Firm/Company:	Facility Name (if different):	Facility Number (if known):		
Equipment Location - Street:	City:	State:	Zip:	
Mailing Address (if different):	City:	State:	Zip:	
Person to Contact:	Phone number:	Email (if available):		

**Compliance Information**

During the reporting period, did the engines at this facility experience any malfunctions, deviations from RICE NESHAP emission or operating limitations, or periods during which the continuous monitoring system (CMS) was not operating?

- ☐ Yes, there were deviations
- ☐ No, there were no deviations

If you checked "yes" above, attach additional information to describe the deviation. Include the following information:

- Emission Unit Number
- Date and duration of deviation
- Description (E.g. catalyst inlet temperature or pressure drop out of range, CMS not operating)
- Corrective action taken

<sup>a</sup> This is an example of the type of information that must be submitted to fulfill the Compliance Report requirements of 40 CFR 63, Subpart ZZZZ. You may submit the information in another format, or you may use this template.

<sup>b</sup> Limited use engines are those that operate less than 100 hours per year.

## Engine Data

Emission Unit Number <sup>1</sup>	Emission Unit Description <sup>2</sup>		Brake Horsepower (bhp)	Is engine designated as a "limited use" <sup>3</sup> engine?	For each "limited use" engine, please indicate the total operating hours for the previous calendar year
	<input type="checkbox"/> CI <input type="checkbox"/> SI	Fuel:			
	<input type="checkbox"/> CI <input type="checkbox"/> SI	Fuel:			
	<input type="checkbox"/> CI <input type="checkbox"/> SI	Fuel:			
	<input type="checkbox"/> CI <input type="checkbox"/> SI	Fuel:			
	<input type="checkbox"/> CI <input type="checkbox"/> SI	Fuel:			
	<input type="checkbox"/> CI <input type="checkbox"/> SI	Fuel:			

<sup>1</sup> The emission unit number can be any numbering system used by the facility, but the numbers used should be consistent for all RICE NESHAP reports. If an engine has a construction permit, the emission unit number from the permit should be used.

<sup>2</sup> CI stands for "compression ignition" – these engines typically use diesel as a fuel

SI stands for "spark ignition" – these engines typically use gasoline or natural gas as a fuel

<sup>3</sup> Limited use engines are those that operate less than 100 hours per year. Facilities are not required to claim "limited use" status for engines that operate less than 100 hours per year. It is optional. The reporting and stack testing frequency is lower for engines that are designated as "limited use."

## Stack Testing

During the reporting period, was stack testing performed on any RICE at this facility?

☐ No, there were no stack tests done during this reporting period

☐ Yes, stack testing was done during this reporting period

If yes, was this the initial RICE NESHAP compliance testing, or subsequent periodic testing?

☐ Initial: If initial testing was done during this reporting period, a test summary was required to be included with the Notification of Compliance Status. No further test information is required for this Compliance Report.

☐ Periodic: If periodic testing was done during this reporting period, attach a stack test summary to this Compliance Report that includes the following information:

- Emission Unit Number
- Date of stack test
- Average CO inlet (ppmvd @ 15% O<sub>2</sub>)
- Average CO outlet (ppmvd @ 15% O<sub>2</sub>)
- CO reduction (%)
- Average Catalyst Inlet Temperature (°F)
- Average Catalyst Pressure Differential (in. H<sub>2</sub>O)

## Certification

Responsible Official Certification		
<input type="checkbox"/>	I certify the truth, accuracy, and completeness of this report.	
Responsible Official Name	Responsible Official Signature	Date

Submit this report to either DNR or the appropriate county office:

- NESHAP Coordinator, **Iowa Department of Natural Resources**, 7900 Hickman, Suite 1; Windsor Heights, IA, 50324
- If the facility is located in either Linn County or Polk County, this report shall be submitted to the appropriate county office:  
**Polk County Public Works** – Air Quality Division    **Linn County Public Health** - Air Quality Division  
 5885 NE 14<sup>th</sup> Street; Des Moines, IA 50313    501 13<sup>th</sup> Street NW; Cedar Rapids, IA 52405

If the facility is subject to Title V, a copy of this notification should also be submitted to:

- Director, Air and Waste Management Division, **U.S. Environmental Protection Agency**, 11201 Renner Blvd., Lenexa, KS 66219